

NRC reviewed site data on over 200 archaeological sites recorded within the proposed project area. During the field investigation, a number of small, individual sites were combined into larger, single sites. One-hundred and forty-nine (149) sites were determined ineligible for listing in the NRHP when measured against the evaluative criteria found in 36 CFR 60.4.

Fifteen (15) archaeological sites, including two containing cairns and burials, have been recommended as eligible for listing in the NRHP. These sites are listed in Table 3.9-1 of the NRC SEIS. The South Dakota SHPO has concurred with the sites recommended eligible to the NRHP under one or more criteria of eligibility in Table 3.9-1.

Historic and ethnographic evidence indicates that sites with cairn features served as markers for trails, camps, burials, caches, and ceremonial centers (Kruse, et al., 2008). There are 11 unevaluated sites with burials or cairn features listed in Table 3.9-2 of the NRC SEIS. . With the exception of site 39CU3584, none of these sites are located within areas of proposed development (i.e., within the APE for facility construction and operations). During tribal cultural surveys of the Dewey-Burdock site, tribes visited, recorded, and recommended that five of the sites listed in Table 3.9-2 (39CU3620, 39FA1862, 39FA1881, 39FA1890, and 39FA1927) be listed in the NRHP under one or more of the eligibility criteria (see SEIS Section 3.9.3.2.2). Site 39CU3584 consists of a Native American artifact scatter and two cairns located on a hill top that lies within an area where treated ISR waste fluids will be sprayed onto the land surface.